

APR 28 2003

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PTO/SB/08B (08-03)

Approved for use through 10/31/2002. OMB 0651-0031)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Complete if Known

Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald Liu
Group Art Unit	.1724 1764
Examiner Name	Hen Tran
Attorney Docket number	4695-00009

Sheet

1

of

1

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	3,022,861	2/1962	Harms			
	3,655,060	4/1972	Hagdahl			
	4,857,089	8/1989	Kitagawa et al			
m	5,089,237	2/1992	Schuster et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Signature

Hen Tran

Date

Considered

6/1/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to client.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald Li
Group Art Unit	1724 1764
Examiner Name	Hun Tran
Attorney Docket number	4695-00009

Sheet 1 of 8

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
m	RE33,118	11/1989	Scheltlin et al.			
	D342,990	1/1994	Jaroszczuk			
	1,893,372	1/1933	Krzanowsky			
	1,924,472	8/1933	Thomson			
	2,410,371	10/1946	Vokes			
	2,553,054	5/1951	Lincoln et al.			
	3,025,864	3/1962	Summers et al.			
	3,441,381	4/1969	Keith et al.			
	3,692,184	9/1972	Miller, Jr., et al.			
m	3,708,857	1/1973	Labadie			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
m	563768	1/1943	Great Britain				
	88/03431	5/1988	WIPO				
	2-53442	2/1999	Japan			Abstract	
m	2-79024	3/1990	Japan			Abstract	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Signature

Hun

Date

Considered

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**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

Sheet 2 of 8

Application Number 10/075,035
Filing Date February 12, 2002
First Named Inventor Z. Gerald Lio
Group Art Unit 1724 R64
Examiner Name Hien Tran
Attorney Docket number 4695-00889

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WY	3,799,354	3/1974	Buckman et al.			
	3,844,749	10/1974	Carter, Sr.			
	4,017,347	4/1977	Cleveland			
	4,056,375	11/1977	Ringel et al.			
	4,130,487	12/1978	Hunter et al.			
	4,157,902	6/1979	Tokar			
	4,410,427	10/1983	Wydevan			
	4,419,108	12/1983	Frost et al.			
	4,430,223	2/1984	Miyakawa et al.			
WY	4,441,899	4/1984	Takagai et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
WY	9-125931	5/1997	Japan			Abstract	
WY	2001-200715	7/2001	Japan			Abstract	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Signature

Hien Tran

Date

Considered

6/1/05

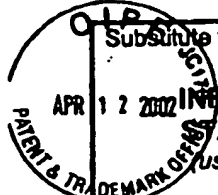
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

Sheet 3 of 8

Complete if Known

Application Number 10/075,035
Filing Date February 12, 2002
First Named Inventor Z. Gerald Liu
Group Art Unit 1724-1764
Examiner Name Hien Tran
Attorney Docket number 4695-00889

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WY	4,455,823	6/1984	Bly et al.			
	4,498,989	1/1985	Miyakawa et al.			
	4,548,626	10/1985	Ackley et al.			
	4,589,983	5/1986	Wydevan			
	4,619,675	10/1986	Watanabe			
	4,542,286	3/1987	Kusuda et al.			
	4,652,286	3/1987	Kusuda et al.			
	4,878,929	11/1989	Tofslund et al.			
	4,902,487	1/1990	Cooper et al.			
WY	4,925,561	5/1990	Ishii et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Signature

Hien Tran

Date

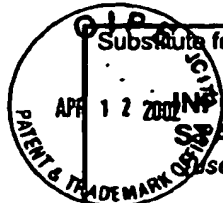
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PTO/SB/088 (08-00)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 4 of 8

Complete if Known

Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald Liu
Group Art Unit	1724 / 1764
Examiner Name	Hien Tran
Attorney Docket number	4895-00009

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	4,960,449	10/1990	Yonushonis			
	5,008,086	4/1991	Merry			
	5,014,509	5/1991	Broering et al.			
	5,015,376	5/1991	Picek			
	5,030,263	7/1991	Kemp			
	5,035,236	7/1991	Kanegaonkar			
	5,052,178	10/1991	Clerc et al.			
	5,063,736	11/1991	Hough et al.			
	5,082,479	1/1992	Miller			
W	5,108,397	4/1992	Jaroszczyk et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

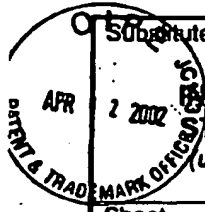
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Signature	Hien Tran	Date Considered	6/1/05
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 5 of 8

Complete if Known	
Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald Lin
Group Art Unit	1724 1264
Examiner Name	Hien Tran
Attorney Docket number	4695-00009

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
W	5,137,696	8/1992	Hitachi et al.				
	5,174,895	12/1992	Droni				
	5,252,299	10/1993	Retallick				
	5,298,046	3/1994	Pelsert				
	5,304,351	4/1994	Tanaka et al.				
	5,322,537	6/1994	Nakamura et al.				
	5,346,875	9/1994	Usui et al.				
	5,380,501	1/1995	Hitachi et al.				
W	5,385,873	1/1995	MacNeill				
	5,468,384	11/1995	Garcera et al.				

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		

Examiner Signature	Hien Tran	Date Considered	6/1/05
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Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet 6 of 8

Application Number 10/075,035
Filing Date February 12, 2002
First Named Inventor Z. Gerald Liu
Group Art Unit 1724 1764
Examiner Name Hen Tran
Attorney Docket number 4695-00089

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	5,480,621	1/1996	Breuer et al.			
	5,548,069	8/1996	Holden et al.			
	5,549,722	8/1996	Zemaitis et al.			
	5,562,825	10/1996	Yamada et al.			
	5,632,792	5/1997	Haggard			
	5,772,883	6/1998	Rothman et al.			
	5,792,247	8/1998	Gillingham et al.			
	5,820,646	10/1998	Gillingham et al.			
	5,848,641	12/1998	Abeles et al.			
w	5,863,311	1/1999	Nagal et al.			

FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Signature

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(as many sheets as necessary)

Sheet

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of

8

Complete if Known

Application Number 10/075,035
Filing Date February 12, 2002
First Named Inventor Z. Gerardo Nu
Group Art Unit 1724
Examiner Name Hien Tran
Attorney Docket number 4695-000097.5

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
my	5,891,402	4/1999	Sassa et al.			
	5,902,364	5/1999	Tokar et al.			
	5,908,480	6/1999	Ban et al.			
	5,925,561	7/1999	Possellus, Jr., et al.			
	5,961,931	10/1999	Ban et al.			
	6,093,378	7/2000	Deeba et al.			
	6,238,561	5/2001	Liu et al.			
	6,245,301	6/2001	Stroom et al.			
	6,294,141	9/2001	Twigg et al.			
my	2001/0027645	10/2001	Itoh et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Signature

Hien Tran

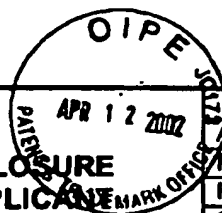
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/075,035
		Filing Date	February 12, 2002
		First Named Inventor	Z. Gerald Liu
		Group Art Unit	1724 1704 APR 12 2002
		Examiner Name	then Tran
Sheet 8 of 8	Attorney Docket number	4695-08009	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m		2001/0027646	10/2001	Itoh et al.			
m		2001/0027647	10/2001	Itoh et al.			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		

Examiner Signature	then Tran	Date Considered	6/1/05
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